

## Green Product Certificate

Certificate No. GPC8114128171- MTB  
Certificate Holder KSB Pumps Limited  
Mumbai-Pune Road, Pimpri-Pune-411 018, India  
Manufacturing Site Plot No - E-3 & E-4, Musalgaon, MIDC, Industrial Estate Malegaon Sinnar,  
Nashik - 422 113, India

Certification Mark



Product Series Movitec B  
Brand Name KSB  
Product Details Refer Annexure 01 of the Certificate  
Audit Report No. 8114128171  
Reference Indian Standard - Environmental Labels & Declarations-Type I Environmental Labelling-Principles & Procedures (IS/ISO 14024:1999 -Reaffirmed 2004)  
Issued on 2017-06-20  
Valid until 2018-06-19

This product was assessed according to the evaluation criteria of TUV India's Environment Labelling Programme.



For TUV India Pvt. Ltd.  
Pune, 2017-06-16

This Certificate is part of a full audit report and should be read in conjunction with it. This Certificate remains the property of TUV India Pvt. Ltd and shall be returned upon request. TUV India expressly disclaims any liability or co-responsibility for any decision a person or entity would make based on this Type-I Certification which follows requirements of IS/ISO 14021:1999, Reaffirmed 2004. The use of this Certificate is subjected to the Environment Labelling Programme Terms and Conditions. The manufacturer is solely responsible for compliance of any product that has the same designation as the product type-audited. Energy efficiency of the product is considered as primary criteria while eco labelling criteria is secondary criteria. TUV India has certified product based on the claims made by KSB in form of various submitted documents. Validity of given Certificate is subject to the annual surveillance. Person relying on this certificate should verify its validity by checking with [energy@tuv-nord.com](mailto:energy@tuv-nord.com).

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## Annexure 01

Size	Stages	Design variant	Motor rating	Minimum efficiency Index*
2	2 to 30 stages	VCF, VSF, VF	0.37 kW to 2.2 kW	$\geq 0.7$
4	2 to 26 stages	VCF, VSF, VF	0.37 kW to 4 kW	$\geq 0.7$
6	2 to 26 stages	VCF, VSF, VF	0.37 kW to 5.5 kW	$\geq 0.7$
10	1 to 21 stages	VCF, VSF, VF	0.75 kW to 7.5 kW	$\geq 0.7$
15	1 to 17 stages	VCF, VSF, VF	1.1 kW to 15 kW	$\geq 0.7$

**Note:**

- \* The European Commission (EU) regulation No 547/2012 sets a minimum efficiency requirements on water pumps set under Eco-design Directive 2005/32/EC for Energy Related Products (ERP)
- MEI (Minimum efficiency index) is a dimensionless figure derived from complex calculations based on efficiencies at BEP, 75% of BEP, 110 % of BEP & the specific speed. Minimum efficiency range is plotted on an index of 0 to 1. For year 2018 required minimum efficiency index MEI  $\geq 0.7$
- Design Variants: VCF – Cast iron with Stainless steel (grade 316) hydraulics, VSF – Stainless steel variant (grade 316), VF – Stainless steel variant (grade 304)



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